

Abstract

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Thesis title: A Case Study of a Patient After a Polytraumatic Injury

Aim: The aim of this thesis is to summarize a theoretical context for injuries of the elbow, especially fractures in this area and methods of treatment, and to present a case study of a patient after a fracture of the olecranon.

Methods: This thesis is divided into a theoretical part and a case study. The theoretical part is based on research of scientific literature focused on the topic of injuries of the elbow, especially types of elbow fractures, and methods of treatment with the focus on osteosynthesis. Further it describes possible complications and methods of rehabilitation treatment. The case study documents the course of a patient after a polytraumatic injury with the focus of physiotherapeutic treatment on the elbow fracture treated with osteosynthesis during physiotherapy student clinical practice.

Results: Physiotherapy treatment resulted in objectively improved range of motion and subjectively in reduction of pain intensity, not only in the elbow but in the shoulder and wrist as well.

Conclusion: The aims of this thesis were reached and the positive effect of selected physiotherapeutic methods was confirmed.

Keywords: elbow joint, fracture, osteosynthesis, physiotherapy